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U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/554,625	Derek O'Hagan	PP020407.0004

INTERNATIONAL APPLICATION NO.
PCT/US04/12510

I.A. FILING DATE	PRIORITY DATE
04/23/2004	04/25/2003

27476
 NOVARTIS VACCINES AND DIAGNOSTICS INC.
 CORPORATE INTELLECTUAL PROPERTY R338
 P.O. BOX 8097
 Emeryville, CA 94662-8097

CONFIRMATION NO. 7269
371 FORMALITIES LETTER

OC000000021987080

Date Mailed: 01/16/2007

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 10/25/2005
- Copy of the International Search Report filed on 10/25/2005
- Oath or Declaration filed on 10/25/2005
- Request for Immediate Examination filed on 10/25/2005
- U.S. Basic National Fees filed on 10/25/2005
- Priority Documents filed on 10/25/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Additional claim fees of **\$300** as a non-small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$300** for a Large Entity:

- Total additional claim fee(s) for this application is **\$ 300**

- \$300 for 15 total claims over 20.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
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For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

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PART 2 - OFFICE COPY

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FORM PCT/DO/EO/905 (371 Formalities Notice)